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Lin**

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(54) **INTERACTIVE DISPLAY PRESENTATION SYSTEM**

(75) Inventor: **Shang-Hung Lin**, San Jose, CA (US)

(73) Assignee: **Seiko Epson Corporation**, Tokyo (JP)

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*Primary Examiner*—Bipin Shalwala

*Assistant Examiner*—Ricardo Osorio

(74) *Attorney, Agent, or Firm*—Mark P. Watson

(57) **ABSTRACT**

An interactive presentation control system, used with a display computer, a computer-controlled image projector, a laser pointer, and a projection screen, comprises a digital camera and a control module. The display computer generates electronic images which are projected onto the projection screen as presentation images. During operation, a presenter uses the laser pointer to trace out a pre-established gesture spatial pattern onto the presentation image. The digital camera acquires these presentation images from which images a processing section in the control module analyzes and identifies the gesture spatial pattern. The identified gesture spatial pattern is compared to a set of pre-established patterns to find a match and to subsequently select a correlated display command. The display command, which can be executed within the control module or transmitted to the display computer, changes the presentation image by an action such as: advancing to the next image, highlighting a text segment, or zooming in on the image.

**37 Claims, 5 Drawing Sheets**

